

ISSMGE - TC201

Geotechnical Aspects of Dykes and Levees, Shore Protection and Land Reclamation

Newsletter October 2011

Dear Reader

This is the second newsletter of the ISSMGE Technical Committee 201: geotechnical aspects of dykes and levees, shore protection and land reclamation. The intention of the newsletter is to keep all members informed on coming of our TC.

Meindert Van (Chairman TC201)
Cor Zwanenburg (Secretary TC201)

1. GeoWorld

We are all invited to join GeoWorld, a social network for the geotechnical engineer. More information is found on: <http://www.youtube.com/watch?v=MRYA-mMSGCw>

We would like to use GeoWorld also for TC activities. So contacting each other and sharing views will be even more easy.

After you log in on GeoWorld you will find a large number of groups. If you scroll down you will find the group TC201. I intend to use this group as a platform for exchanging documents. I want to encourage you all to use this group, please keeping mind that the group is open for all the GeoWorld members.

The screenshot shows the GeoWorld website interface. At the top, there is a navigation bar with 'Groups' circled in red. Below the navigation bar, there is a search bar and a list of filters. The 'Technical Committee' filter is circled in red. The main content area displays a list of 59 groups created. The group 'Geotechnical Aspects of Dykes and Levees, Shore Protection and Land Reclamation (TC201)' is circled in red. The group details include the group name, the ISSMGE logo, and the number of members (11 members).

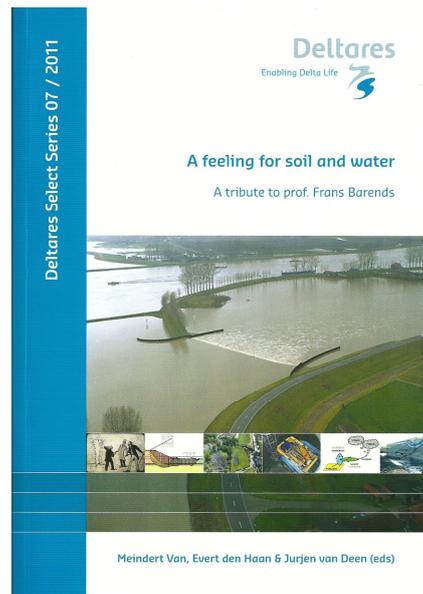
Group Name	Members
Safety and Serviceability in Geotechnical Design (TC205)	15 members
Underground Construction in Soft Ground (TC204)	21 members
Earthquake Geotechnical Engineering and Associated Problems (TC203)	37 members
Transportation Geotechnics (TC202)	13 members
Geotechnical Aspects of Dykes and Levees, Shore Protection and Land Reclamation (TC201)	11 members
Laterites and Lateritic Soils (TC107)	1 members
Unsaturated Soils (TC106)	28 members
Geo-Mechanics from Micro to Macro (TC105)	13 members
Physical Modelling in Geotechnics (TC104)	14 members
Numerical Methods in Geomechanics (TC103)	34 members

Screen capture GeoWorld, red circles indicate how to reach group TC201

2. Publication : A feeling for soil and water

On September 21st Prof. Frans Barends retired from his professorship at Delft University. Among others Prof. Frans Barends was involved in ground water flow, consolidation theory and dike safety. For the occasion a publication entitled “A feeling for soil and water, a tribute to Prof. Frans Barends” is issued. The book contains twelve chapters discussing topics in the field of dike technology and dike safety.

Members of TC201 who are interested can obtain a copy upon request by sending an e-mail to cor.zwanenburg@deltares.nl.



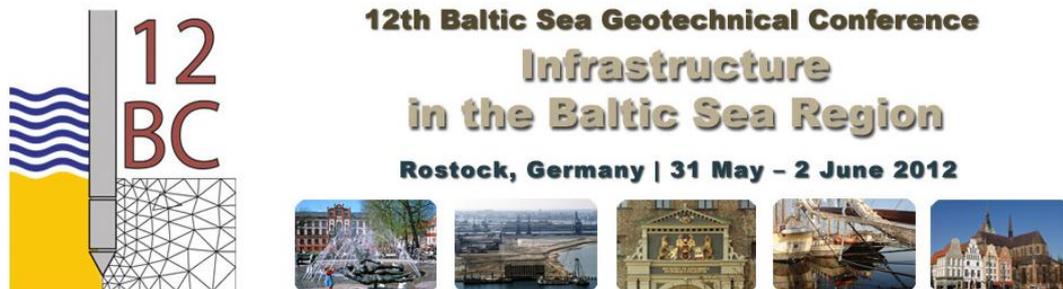
3. Paper: Southern defense embankment in Concepcion del Uruguay - Argentina.

Maria Pardini attended the 14th Pan American Conference on Soil Mechanics and Geotechnical Engineering, 2 – 6 Octobre, (<http://panam-cgc2011.ca/>). She presented a paper entitled Southern defense embankment in Concepcion del Uruguay - Argentina. A copy of the paper will be placed on GeoWorld;



4. Meeting at the Baltic Sea Conference 2012.

The 2nd committee meeting is planned during the Baltic Sea Conference, Rostock Germany, May 31st to June 2nd 2012. Note that the date for submission of papers has expired. We have a session during lunch time on the first day, May 31st 2012 from 13:15 till 14:45. For the schedule see <http://www.12bsgc.de/>. It will be an open session, so any participant of BSC can join. The intention is to fill the session with lectures on research or other project conducted by members of our TC.



5. Meeting at the international soil mechanics conference in Paris 2013

The 3rd committee meeting will be held during the 18th International Conference on Soil mechanics and Geotechnical Engineering, Paris, 1-5 September 2013. A website with information is in progress.



6. Update Fields of interest

In the previous newsletter we started collecting each others main field of interest. We received many reactions. Attached to this newsletter you will find the table filled out with the information I have so far. If your fields of interest are not filled in, please send them to me. The idea is that you all provide the secretary in maximum 5 words the topics you will be working on for the next 5 years. When we all know each other's current field or nearby future field of interest it should be more easy to find common activities. As an example, we already filled out the fields of interest for the chairman and secretary.

7. Next Newsletter

The next newsletter will be send around at April 15th. Please provide all available information to the secretary Cor Zwanenburg, cor.zwanenburg@deltares.nl.

Meindert	Van	Meindert.van@deltares.nl	flood protection, dike technology, failure mechanisms, crisis situations
Cor	Zwanenburg	Cor.zwanenburg@deltares.nl	organic soil, field experiments, lab testing
Hang-Seok	Choi	hchoi2@korea.ac.kr	
M.K.	Sharp	michael.k.sharp@usace.army.mil	levee safety, seepage and piping, risk analysis, modeling
Yuan	Wang	wangyuan@hhu.edu.cn	
Yoichi	Watabe	watabe@ipc.pari.go.jp	Land reclamation, secondary consolidation, lightweight soils, tidal flats
Tarek	Abdoun	abdout@rpi.edu	physical modeling, field monitoring, full scale testing, levee health assessment
Martin	Achmus	achmus@igbe.uni-hannover.de	failure mechanisms, piping and overtopping, suffusion, risk assessment, field monitoring
Enrique	Asanza	easanza@cedex.es	
R.K.	Basilov	bruslank@mail.ru	
Jian	Chu	CJCHU@ntu.edu.sg	Land reclamation, soft soil engineering, dike construction
Simonetta	Cola	simonetta.col@unipd.it	
Suraj	de Silva	suraj.desilva@aecom.com	
Leen	De Vos	leen.devos@mow.vlaanderen.be	
Robert	Hutchison	hutch-1@sky.com	
M.	Karthikeyan	karthi@surbana.com	
Arjen	Kort	arjen.kort@ngi.no	
Hanlong	Liu	hliu@hhu.edu.cn	
Patricia	Lopez Acosta	nlopeza@iingen.unam.mx	Rapid filling and drawdown in protection levees / slope stability analyses considering rapid drawdown in levees/ flood protection/ river bank protection/ seepage and piping
Kenichi	Maeda	maeda.kenichi@nitech.ac.jp	
Patrick	Menge	menge.patrick@deme.be	
Laszlo	Nagy	lacinagy@mail.bme.hu	
A.H.	Nooy van der Kolff	a.h.nooyvanderkolff@boskalis.nl	
Fernando	Núñez	fenl64@hotmail.com	
Malisa	Pardini	malisa.pardini@gmail.com	Flood protection, hydraulic fill embankments, slope and margin protection, soft soil foundations
Dan	Peluso	dapeluso@yahoo.com	Slope stability and soil strength modeling, behavior of soft clay, coastal erosion
Martin	Pohl	Martin.Pohl@baw.de	shore protection, dike technology, testing, numerical modeling, soft soils
Bengt	Rydell	bengt.rydell@swedgeo.se	coastal erosion and river erosion (phenomenon and protection measures), climate change impact on coastal areas and flood protection
Philip	Smith	p.smith@royalhaskoning.com	Marine geotechnics, behaviour of soft clay, reclamations and sea walls, levee design and performance, levee failure modes
Alessandro	Tarantino	tarantin@ing.unitn.it	failure mechanisms, field monitoring, laboratory testing, unsaturated hydraulics and mechanics, hazard assesment
J.A.	Teeuw	j.teeuw@teeuwgrondmechanica.nl	Levees made of organic soil, peat testing, safety factors in the modeling process, residual strength

ISSMGE TC201

Fields of interest

Seven	Yau	seven.yau@arup.com	
-------	-----	--------------------	--